

See Details on Next Page

ER-1 Match
Airspace
Design to
Demands

Schedule Key
▼ = Commitment
▽ = Target
Planning

Contingent on Pending
Budget Decisions

- ▽ Flight list for each reroute advisory
Departure Flow Planning
- ▽ Phase 2 FEA/FCA procedure
Multi-purpose Ground Delay Programs
Traffic Flow Management Modernization

ER-2 Collaborate to
Manage Congestion

CPDLC

ER-3 Reduce Voice
Communication

▽ Operational Use

En Route
Congestion

ER-4 Reduce
Vertical Separation

- ▽ Initial Operational Use of 30/30 Separation; one sector
Phased Expansion of 30/30 Elsewhere

ER-6 Reduce
Oceanic Separation

▽

▽

▽

TMA: ZID, ZME, ZKC
Multi-Center TMA

▼ ————— ▼ Remainder of URET sites

ER-7 Accommodate
User Preferred
Routing

Schedule Key

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Planning

High Altitude Phase 3

High Altitude Phase 1 Expansion



High Altitude Phase 2 Expansion



High Altitude Phase 2 Initial



Kansas City ARTCC East End Redesign



Midwest Airspace Capacity Enhancements; Bay-to-Basin Redesign



Great Lakes Corridor
(ZOB, ZMP, ZID, ZAU)



ZDV Redesign



ZME Redesign; ZAB Redesign; ZAN Domestic; ZOA/NCT Redesign;
ZSE Airspace; ZLC Area Realignment



ZOA Oceanic Gateway; ZOA/ZAN Airspace



ZMA / ZHU Gulf Routes



Caribbean Reroutes

ER-1 Match

Airspace

Design to

Demands

Contingent on Pending
Budget Decisions

FY

2004

2005

2006

2007

2008

2009

2010

2011

2012

2013

2014

FY

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Planning

- ▼ Runways Operational at Houston & Orlando
 - ▼ Runway Operational at Cleveland (Phase II)
 - ▼ Runways Operational at Minneapolis, Boston, St. Louis, Atlanta & Cincinnati
 - ▼ Runway Operational at Dulles
 - ▼ Runway Operational at Seattle

AD-1 Build New Runways

New Intersecting Runway Procedures at ORD, MIA, HNL, LAS, LGA
Additional crossing Runway Procedures at 16 other airports

AD-2 Use Crossing Runway Procedures

▽ Additional 30+30 New and Overlay Routes at Congested Airports

Additional Routes at 12 More Airports

Lower RNP value Routes

▽ HCF Airspace; Anchorage Terminal; PHX Redesign; NCT Internal Airspace; SFO Dual CEDES; SAN East Arrival; SEA-PDX Tower En Route; CVG Runway; MCO Airspace; Omaha Airspace; BCT Airspace

▽ AGL Midwest Expansion; Portland TRACON

PCT Airspace; DFW RNAV; Northern Utah Airspace Initiative

AD-3 Redesign Terminal Airspace & Routes

▽ LAS Redesign

▽ LAX Optimization; Midwest Airspace Plan (STL); Central California TRACON; ATL, CLT, GSO Runways

▽ NY/NJ/PHL Metro Airspace Redesign

▽ NYICC

Arrival/Departure Rate

▽ ▽ ▽
TMA: ZID, ZME, ZKC

Contingent on Pending Budget Decisions

Operational Surface Management System

AD-4 Fill Gaps in Arrival & Departure Streams

AD-6 Coordinate for Efficient Surface Movement



